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THE INVENTION CLAIMED IS:

- A method for manufacturing a flat panel display comprising:
 providing a baseplate and a faceplate;
 desorption processing the faceplate in a vacuum;
 merging the baseplate and the faceplate; and
 sealing the vacuum between the baseplate and the faceplate.
- 2. The method as claimed in claim 1 wherein the desorption processing uses a vacuum from 10^{-7} to 10^{-8} torr.
- 3. The method as claimed in claim 2 wherein the desorption processing includes scrubbing the faceplate before sealing the vacuum between the baseplate and the faceplate.
- 4. The method as claimed in claim 3 wherein the scrubbing the faceplate uses plasma sputtering.
- 5. The method as claimed in claim 4 wherein the plasma sputtering uses a low atomic weight gas.
- 6. The method as claimed in claim 4 wherein the plasma sputtering uses ions and a faceplate voltage of -10 to -1000 mV.
- 7. The method as claimed in claim 4 wherein the plasma sputtering uses electrons and a faceplate voltage of +10 to +1000 mV.
- 8. The method as claimed in claim 4 wherein the plasma sputtering applies a faceplate voltage for about 1 to 60 minutes.
- 9. The method as claimed in claim 1 wherein the desorption processing includes pre-aging the faceplate.
- 10. The method as claimed in claim 9 wherein the pre-aging the faceplate is performed from 120 to 300 minutes.
- 11. The method as claimed in claim 10 wherein the desorption processing includes pre-aging before merge of the baseplate and the faceplate.
- 12. The method as claimed in claim 11 wherein the pre-aging uses irradiation with electrons from an electron gun.
- 13. The method as claimed in claim 12 wherein the pre-aging uses irradiation with electrons having a current density of 5 to 10 times higher than that of the faceplate during normal operation.

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- 14. The method as claimed in claim 10 wherein the desorption processing includes pre-aging after merge of the baseplate and the faceplate.
- 15. The method as claimed in claim 14 wherein the pre-aging includes application of a voltage of 6 to 9 kV between the baseplate and the faceplate.
 - 16. A method for manufacturing a flat panel display comprising: providing a baseplate and a faceplate;

desorption processing the faceplate by scrubbing with plasma sputtering in a vacuum;

merging the baseplate and the faceplate in the vacuum after the plasma sputtering; and

sealing the vacuum between the baseplate and the faceplate.

17. A method for manufacturing a flat panel display comprising:

providing a baseplate and a faceplate;

desorption processing the faceplate by scrubbing with ion plasma sputtering in a vacuum;

merging the baseplate and the faceplate in the vacuum after the ion plasma sputtering; and

sealing the vacuum between the baseplate and the faceplate.

18. A method for manufacturing a flat panel display comprising:

providing a baseplate and a faceplate;

desorption processing the faceplate by scrubbing with electron plasma sputtering in a vacuum;

merging the baseplate and the faceplate in the vacuum after the electron plasma sputtering; and

sealing the vacuum between the baseplate and the faceplate.

19. A method for manufacturing a flat panel display comprising:

providing a baseplate and a faceplate;

desorption processing the faceplate by pre-aging using electron irradiation in a vacuum;

merging the baseplate and the faceplate in the vacuum after the electron irradiation; and

sealing the vacuum between the baseplate and the faceplate.

20. A method for manufacturing a flat panel display comprising:

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providing a baseplate and a faceplate;

merging the baseplate and the faceplate;

evacuating between the baseplate and the faceplate;

desorption processing the faceplate by pre-aging using electron irradiation during the evacuating between the baseplate and the faceplate to form a vacuum therebetween; and

sealing the vacuum between the baseplate and the faceplate after the preaging.